

Title (en)  
Coating methods and a coated substrate

Title (de)  
Beschichtungsverfahren und beschichtetes Substrat

Title (fr)  
Procédés de revêtement et substrat revêtu

Publication  
**EP 2913420 A3 20151104 (EN)**

Application  
**EP 14195911 A 20141202**

Priority  
US 201314098599 A 20131206

Abstract (en)  
[origin: US2015159254A1] Coating methods and a coated substrate are provided. The coating method includes providing a component having an aperture formed in a surface thereof, arranging and disposing a hollow member on a portion of the surface to define a hollow space above the aperture corresponding to a shape of the aperture at the surface, applying at least one coating over the surface of the component and the hollow member to form an applied coating having an applied coating thickness, and removing at least a portion of the hollow member to expose the hollow space through the applied coating. The coated substrate includes a component having an aperture formed in a surface thereof, a hollow member arranged and disposed on the surface to define a hollow space above the aperture, and an applied coating over the surface of the component, the hollow space being exposed through the applied coating.

IPC 8 full level  
**C23C 4/00** (2006.01); **C23C 4/18** (2006.01); **C23C 14/04** (2006.01); **C23C 14/58** (2006.01)

CPC (source: EP US)  
**B05D 1/32** (2013.01 - US); **C23C 4/01** (2016.01 - EP US); **C23C 4/134** (2016.01 - US); **C23C 4/18** (2013.01 - EP US); **C23C 14/044** (2013.01 - EP US); **C23C 14/588** (2013.01 - EP US); **B23P 2700/06** (2013.01 - EP); **Y02T 50/60** (2013.01 - US); **Y10T 428/24322** (2015.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**US 201314098599 A 20131206**; CN 201410731306 A 20141205; EP 14195911 A 20141202